

AMENDMENTS TO CLAIMS

1-18 (Canceled)

19. (Currently Amended) A schedule transmission method in a mobile terminal having a short message service (SMS) function and a schedule function, the method comprising the steps of:

determining, by a controller, whether a schedule transmission input for transmitting a schedule recorded in the mobile terminal to an other mobile terminal is selected by a user; and

if the schedule transmission input is selected, converting, by the controller, a data format of the schedule into a data format of a schedule-recordable SMS message for recording in a scheduler,

wherein the data format of the schedule-recordable SMS message is in a format of a message that can be directly recorded as a schedule item in the scheduler; and

transmitting, by the controller, the schedule-recordable SMS message to said other mobile terminal.

20. (Previously Presented) The schedule transmission method of claim 19, wherein the converting step further comprises repeatedly transmitting the schedule-recordable SMS message to a plurality of other mobile terminals when transmitting the schedule-recordable SMS message to the other mobile terminal.

21. (Previously Presented) The schedule transmission method of claim 19, wherein the data format of the schedule-recordable SMS message obtained by converting the data format of the schedule comprises a parameter distinguishing whether a corresponding message is a common SMS message or a schedule-recordable SMS message.

22. (Currently Amended) A schedule recording method in a mobile terminal having a

short message service (SMS) message reception function and a schedule function, the method comprising the steps of:

upon receiving an SMS message, determining, by a controller, whether the received SMS message is a schedule-recordable SMS message;

if the received SMS message is a schedule-recordable SMS message, determining, by the controller, whether a schedule recording key is input; and

if the schedule recording key is input, ~~converting, by the controller, a data format of the received SMS message into a format recordable in a scheduler, and recording a schedule information of the schedule-recordable SMS message the converted data in the scheduler.~~

23. (Previously Presented) A schedule transmission method in a mobile terminal, comprising the steps of:

if a schedule message transmission input for schedule recording to other mobile terminals is selected by a key input, converting, by a controller, a data format of a schedule into a data format of a schedule-recordable SMS message, and transmitting the schedule-recordable SMS message to the other mobile terminals; and

upon receiving the schedule-recordable SMS message by another mobile terminal, recording, by a controller of the another mobile terminal, schedule information of the received schedule-recordable SMS message as a schedule if a schedule recording input is selected by a key input of the another mobile terminal.

24. (Previously Presented) The schedule transmission method of claim 23, wherein the schedule message is transmitted using an SMS message service.

25. (Previously Presented) The schedule transmission method of claim 23, wherein the schedule message is transmitted using an E-mail over the Internet.

26. (Canceled)

27. (Previously Presented) The schedule transmission method of claim 24, wherein the data format of the SMS message obtained by converting the data format of the schedule comprises an identifier for distinguishing whether a corresponding message is a common SMS message or a schedule-recordable SMS message.

28. (Previously Presented) The schedule transmission method of claim 24, wherein the data format of the SMS message obtained by converting the data format of the schedule includes a tag indicating a schedule subject, a date, a time, contents, a schedule lasting time, or a phone number of the other party.

29. (Previously Presented) The schedule transmission method of claim 25, wherein the transmitting step further comprises:

determining whether the schedule message transmission input for transmitting an SMS message containing schedule information and alert information to an other mobile terminal is selected by the user; and

if the schedule message transmission input is selected, converting a data format of the SMS message into a data format of a schedule-recordable SMS message, and transmitting the schedule-recordable SMS message to said other mobile terminal.

30. (Previously Presented) The schedule transmission method of claim 29, wherein the step of converting the data format of the SMS message into the data format of the schedule-recordable SMS message comprises dividing a data field of an SMS message into a subparameter ID (identifier), a subparameter length, an alert mode, an alert time_year, an alert time_month, an alert time_date, an alert time_hours, an alert time_minutes, and an alert time_seconds according to a corresponding schedule, so as to enable the other mobile terminal to be able to record the SMS message as a schedule.

31. (Previously Presented) The schedule transmission method of claim 24, wherein the recording step further comprises:

upon receiving an SMS message, if the received SMS message is a schedule-recordable message, determining whether a schedule recording key is input; and

if the schedule recording key is input, converting a data format of the received SMS message into a format recordable in a scheduler and recording the converted data in the scheduler.

32. (Previously Presented) The schedule transmission method of claim 24, wherein the recording step further comprises:

upon receiving an SMS message, if the received SMS message is a schedule-recordable message, determining whether a schedule recording key is input; and

if the schedule recording key is input, recording the schedule including alert information of the received SMS message.

33. (Currently Amended) The schedule transmission method of claim 32 [[22]], wherein the step of recording the schedule containing alert information of the received SMS message comprises:

analyzing a schedule contents, an alert mode, and an alert time by consulting data of a data field of the received SMS message; and

recording the analyzed schedule contents, alert mode and alert time in the scheduler.

34. (Previously Presented) The schedule transmission method of claim 32, wherein the step of recording the schedule containing alert information of the received SMS message comprises:

checking the schedule by analyzing a preset tagged text for schedule recording in the received SMS message; and

recording the checked schedule.

35. (Previously Presented) The schedule transmission method of claim 23, further comprises recording the received schedule message in a scheduler and then displaying the recorded schedule on an external window if an input for displaying the recorded schedule on the external window is selected by the user.

36. (Previously Presented) The schedule transmission method of claim 35, wherein the step of displaying the recorded schedule on an external window comprises comparing a lasting time of the recorded schedule with a current time, displaying a corresponding schedule on the external window if a date and a time are identical to the current time, and avoiding displaying the corresponding schedule if the time and the lasting time have elapsed.

37. (Previously Presented) The schedule transmission method of claim 19, wherein the data format of the SMS message obtained by converting the data format of the schedule comprises a parameter identifying a number of recipients to which the schedule is to be transmitted.

38. (Previously Presented) The schedule transmission method of claim 19, wherein the data format of the SMS message obtained by converting the data format of the schedule comprises parameters indicating a length of the schedule contents, an alert date and a time information of the schedule to be recorded, use of an alert tone for the schedule, and a type of the alert tone.